

Page 5, please delete in its entirety.

Page 6, please delete "Patent Claims" and insert - -PATENT CLAIMS- -.

Page 7, please delete "Abstract" and insert - -ABSTRACT- -.

IN THE ABSTRACT:

Please amend the Abstract as follows:

Q1
The invention concerns an evaporator, especially for the sugar industry, with at least two heat exchangers [(4, 5)], into the top of which the medium [(M)] to be concentrated is loaded and which are heated with steam [(D1, D2)] with different compositions and/or different pressures in a cross stream, wherein the concentrated medium and the exhaust steam generated, after they come out of the heat exchanger [(4, 5)], are carried off separately. To produce an evaporator that is simple and inexpensive in design, the invention proposes that the medium [(M)] to be concentrated be loaded by a medium distribution [(7)] common to all heat exchangers [(4, 5)] and the medium leaving the first heat exchanger [(4)] go directly into the next heat exchanger [(5)]. Only after the medium comes out of the second heat exchanger [(5)] are the exhaust steam and the medium separated. The steam spaces [(12, 18)] in the heat exchanger [(4, 5)] separated from the exhaust steam space [(8)] are separated from one another by a common dividing wall [(19)].